

REVISED
VERSION

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/004941

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ G01N21/78, B01D46/42, F24F1/00, F24F1/02, F24F5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G01N21/78, B01D46/42, F24F1/00, F24F1/02, F24F5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 11-194130 A (Kabushiki Kaisha Hogi Medical), 21 July, 1999 (21.07.99), (Family: none)	1-5, 7, 9, 11 8, 12-19, 21-26 6, 10, 20
A		
X	JP 2002-515980 A (The Regents of the University of California), 28 May, 2002 (28.05.02), & WO 98/39632 A	1-5, 7, 9, 11 8, 12-19, 21-26 6, 10, 20
Y	JP 10-215896 A (Dainippon Printing Co., Ltd.), 18 August, 1998 (18.08.98), (Family: none)	8, 12-19

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
19 November, 2004 (19.11.04)

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07 December, 2004 (07.12.04)

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Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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PCT/JP2004/004941

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 7-32860 B (Japan Tobacco Inc.), 12 April, 1995 (12.04.95), & EP 435668 A & CA 2033004 A & US 5266376 A	21-26